

Form PTO-1090

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

P29193

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/565830**INTERNATIONAL APPLICATION NO.  
PCT/JP2004/005436INTERNATIONAL FILING DATE  
15 April 2004PRIORITY DATE CLAIMED  
25 July 2003TITLE OF INVENTION  
BIOSENSOR AND METHOD OF PRODUCING THE SAMEAPPLICANT(S) FOR DO/EO/US  
Isao KARUBE, Masao GOTOH, and Hideaki NAKAMURA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (23) indicated below.
4. ☐ The US has been elected (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154 (d) (4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  
"Executed"
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 22 below concern other document(s) or information included:**

11. Assignee: National Institute of Advanced Industrial Science and Technology, of Tokyo, Japan
12. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ An Application Data Sheet under 37 C.F.R. 1.76.
16. ☐ A substitute specification.
17. ☐ A power of attorney and/or change of address letter.
18. ☒ Figure of Drawing to be published: 2
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154 (d) (4).
21. ☐ A second copy of the English language translation of the international of the international application under 35 U.S.C. 154 (d) (4).
22. ☒ Other items or information:  
International Application as published in Japanese.  
PCT/ISA/210 International Search Report (in English and Japanese).  
PCT/ISA/237 (in Japanese).  
PCT/RO/101 PCT Request (in Japanese).  
PCT/RO/105 (in Japanese).  
Claim of Priority.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/565830</b>		INTERNATIONAL APPLICATION NO. PCT/JP2004/005436		ATTORNEY'S DOCKET NUMBER P29193	
23 <input checked="" type="checkbox"/> The following fees are submitted: Basic national fee..... <b>300.00</b>				CALCULATIONS \$ 300.00	PTO USE ONLY
24 <input checked="" type="checkbox"/> Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33 (1)-(4)..... <b>100.00</b> All other situations..... <b>200.00</b>				\$ 200.00	
25 <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a) (2)) has been paid on the international application to the USPTO as an International Searching Authority..... <b>100.00</b> International Search Report prepared and provided to the Office..... <b>400.00</b> All other situations..... <b>500.00</b>				\$ 400.00	
<b>TOTAL 23, 24 and 25 =</b>				\$ 900.00	
<input type="checkbox"/> Additional Fee for Specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
105 -100=	5 /50 =	1	x \$250.00	\$ 250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$ 0.00	
Claims	Number Filed	Number Extra	Rate		
Total Claims	59 - 20 =	39	x \$50.00	\$1950.00	
Independent Claims	4 - 3 =	1	x \$200.00	\$ 200.00	
Multiple Dependent Claim(s) (if applicable)				+ \$360.00	\$ 0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$3300.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0.00	
<b>SUBTOTAL =</b>				\$3300.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (i)).				\$ 0.00	
Extension of Time fee in the amount of \$				\$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$3300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$3340.00	
				Amount to be refunded	\$
				Charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$3,340.00</u> to cover the above fees is included.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.					
c. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0089</u> .					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
SEND ALL CORRESPONDENCE TO CUSTOMER NO. 07055 AT THE PRESENT ADDRESS OF:				Leslie J. Paperner Reg. No. 33,329	
Bruce H. Bernstein GREENBLUM & BERNSTEIN, P.L.C. 1950 Roland Clark Place Reston, VA 20191 (703) 716-1191				Bruce H. Bernstein NAME	
				29,027 REGISTRATION NUMBER	